

Table 4.2 Return Air Duct Installation Sizes
(Based on .05 inches of pressure drop per 100 ft.)

Round Duct	Rectangular Duct									
CFM	Dia.	WxH	WxH	WxH	WxH	WxH	WxH	WxH	WxH	
80	7						6x6	7x5	9x4	
90							7x6	8x5	10x4	
100							8x6	9x5	11x4	
125	8					7x7	9x6	11x5	13x4	
150						8x7	9x6	12x5	15x4	
175					8x8	9x7	10x6	13x5	17x4	
200					9x8	10x7	11x6	14x5	18x4	
225	9				9x8	10x7	12x6	15x5	20x5	
250				9x9	10x8	11x7	13x6	17x5	21x5	
275				9x9	11x8	12x7	15x6	20x5	22x5	
300	10				10x9	12x8	14x7	16x6	23x5	
350				10x10	11x9	13x8	15x7	18x6	24x5	
400				11x10	12x9	14x8	17x7	20x6	28x5	
450	12		12x11	13x10	13x9	16x8	19x7	23x6	30x5	
500		12x12	13x11	14x10	15x9	18x8	21x7	26x6	32x5	
600			13x12	14x11	15x10	17x9	19x8	23x7	28x6	
700	14	13x13	14x12	16x11	17x10	18x9	20x8	25x7	30x6	
800		14x13	15x12	17x11	18x10	21x9	24x8	28x7	36x6	
900			14x14	16x12	18x11	20x10	23x9	26x8	31x7	38x6
1000	16	15x14	17x12	19x11	21x10	25x9	29x8	37x7	41x6	
1100			15x15	16x14	18x12	21x11	24x10	27x9	31x8	37x7
1200			16x15	17x14	20x12	23x11	26x10	29x9	34x8	40x7
1300	18	16x16	18x15	21x12	25x11	28x10	31x9	37x8	42x7	
1400			16x17	20x14	23x12	26x11	29x10	32x9	38x8	45x7
1500			16x18	19x15	21x14	24x12	27x11	30x10	34x9	40x8
1600	20	17x17	19x16	22x14	25x12	28x11	31x10	36x9	43x8	
1700			18x17	19x16	21x15	23x14	27x12	33x10	38x9	45x8
1800			18x18	20x16	22x15	24x14	28x12	35x10	40x9	48x8
1900	22	19x18	22x16	24x15	26x14	30x12	38x10	43x9	50x8	
2000			19x19	20x18	23x16	25x15	27x14	32x12	41x10	47x9
2200			20x19	21x18	24x16	26x15	28x14	33x12	42x10	48x9
2400	25	20x20	22x18	25x16	27x15	29x14	34x12	44x10	50x9	
2600			21x21	22x20	23x18	27x16	31x14	36x12	47x10	54x9
2800			22x21	23x20	25x18	29x16	30x15	33x14	40x12	50x10
3000	28	22x22	24x20	27x18	30x16	32x15	35x14	43x12	54x10	
3200			23x23	24x22	26x20	29x18	32x16	38x14	46x12	60x10
3400			24x23	25x22	27x20	30x18	34x16	40x14	48x12	61x10
3600	30	24x24	26x22	29x20	32x18	36x16	42x14	50x12	62x10	
3800			25x25	28x24	30x20	34x18	38x16	44x14	54x12	68x10
4000			26x26	30x24	32x20	36x18	42x16	50x14	60x12	70x11

Table 4.1 Supply Air Duct Installation Sizes
(Based on .08 inches of pressure drop per 100 ft.)

Round Duct	Rectangular Duct									
CFM	Dia.	WxH	WxH	WxH	WxH	WxH	WxH	WxH	WxH	
80	6								8x4	
90									8x4	
100							6x6	7x5	9x4	
125	7						7x6	8x5	10x4	
150							8x6	9x5	11x4	
175						7x7	9x6	11x5	13x4	
200	8				8x8	8x7	9x6	12x5	15x4	
225					9x8	9x7	10x6	13x5	17x4	
250						10x7	11x6	14x5	18x4	
275	9				9x8	10x7	12x6	15x5	20x4	
300	10			9x9	10x8	11x7	13x6	17x5	21x4	
350				9x9	11x8	12x7	15x6	20x5	23x4	
400					10x9	12x8	14x7	16x6	20x5	
450	12		12x11	10x10	11x9	13x8	15x7	18x6	24x5	
500			13x11	11x10	12x9	14x8	17x7	20x6	28x5	
600				12x11	13x10	13x9	16x8	19x7	23x6	30x5
700			13x11	14x10	15x9	18x8	21x7	26x6	32x5	
800		12x12	13x12	14x11	15x10	17x9	19x8	23x7	28x6	
900			13x13	14x12	16x11	17x10	18x9	20x8	25x7	30x6
1000	14		14x13	15x12	17x11	18x10	21x9	22x8	28x7	32x6
1100			14x14	16x12	18x11	19x10	23x9	26x8	30x7	37x6
1200			15x14	17x12	19x11	21x10	25x9	29x8	34x7	41x6
1300	16	15x15	16x14	18x12	20x11	22x10	26x9	30x8	35x7	
1400		16x17	17x14	19x12	21x11	24x10	27x9	31x8	37x7	
1500			16x15	18x14	20x12	22x11	25x10	28x9	33x8	39x7
1600			17x15	19x14	21x12	23x11	26x10	29x9	35x8	41x7
1700		16x16	18x15	21x12	25x11	28x10	31x9	37x8	42x7	
1800			17x16	19x15	23x12	26x11	29x10	32x9	39x8	47x7
1900		18	17x17	18x16	20x15	25x12	27x11	30x10	34x9	41x8
2000	20	18x17	19x16	21x15	26x12	28x11	32x10	36x9	44x8	
2200			18x18	20x16	22x15	24x14	28x12	35x10	40x9	48x8
2400			19x18	22x16	24x15	26x14	30x12	38x10	44x9	51x8
2600	22	19x19	20x18	23x16	25x15	27x14	31x12	40x10	47x9	
2800			20x19	21x18	24x16	26x15	28x14	33x12	42x10	48x9
3000			20x20	22x18	25x16	27x15	29x14	34x12	44x10	50x9
3200		21x20	23x18	27x16	28x15	30x14	36x12	47x10	53x9	
3400			21x21	22x20	24x18	28x16	32x14	38x12	49x10	56x9
3600			22x22	24x20	26x18	29x16	34x14	40x12	50x10	60x9
3800	25	23x22	25x20	25x20	27x18	30x16	36x14	43x12	55x10	
4000			23x23	24x22	26x20	29x18	32x16	38x14	46x12	60x10